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(71) Applicant (for all designated States except US):  
**TONOGURARD LTD.** [IL/IL]; Yozmot - Granot,  
38100 M.P. Hefer (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GUR, Joshua**  
[IL/IL]; Mishmar HaGvul, 97752 Jerusalem (IL).  
**HAIM-CHOUMLA, Ezra** [IL/IL]; P.O.Box 9006,  
60920 Kadima (IL). **BARASH, David** [IL/IL]; 4 Beer  
Street, 64682 Tel Aviv (IL).

(74) Agent: **TSIVION, Yoram**; P.O.B 1307, 37111 Pardes  
Hanna (IL).

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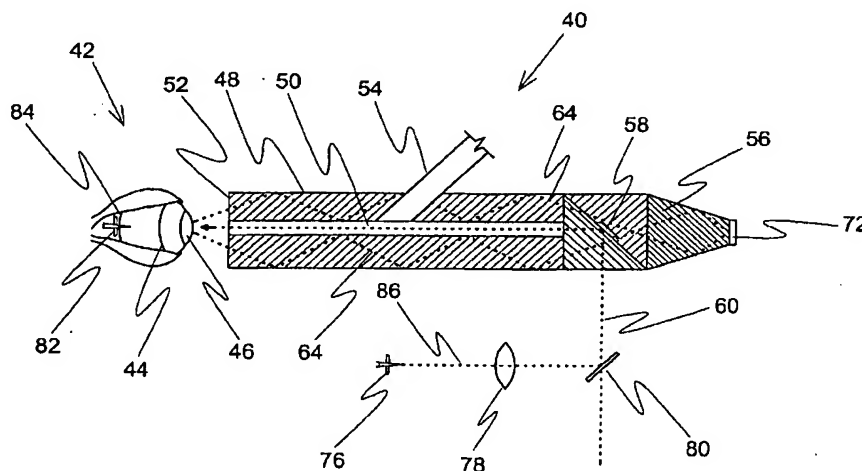
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ning of each regular issue of the PCT Gazette.

(54) Title: **DEVICE FOR MEASUREMENT OF INTRA OCULAR PRESSURE**



(57) Abstract: A non-contact tonometer for measuring the intra-ocular pressure of an eye, projecting light into the eye and measuring the reflected light as affected by mechanical distortion. The cornea is distorted by delivering a pneumatic pulse. The tonometer consists mainly of an electro-optical unit mountable on the head of a user and a control unit. The control unit of the tonometer includes a display and optionally an audio device for instructing the user. The electro-optical unit employs a tubular wave guide, a light detector, and a reflector for deflecting a light beam to the eye and for eliminating a part of the reflected light reaching the detector. The aligning of the tonometer with the head of the user is optionally assisted by a reticle observed.

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